

Python: module browser.gui_select_variable

browser.gui_select_variable

[index](#)

```
# The PCMDI Data Browser Select Variable Panel - gui_select_variable module
#
#####
#
# Module:          gui_select_variable module
#
# Copyright:       "See file Legal.htm for copyright information."
#
# Authors:         PCMDI Software Team
#                  Lawrence Livermore NationalLaboratory:
#                  support@pcmdi.llnl.gov
#
# Description:     PCMDI Software System browser Tkinter "Select Variable" panel
#                  GUI.
#
# Version:         3.0
#
#####
#
#-----
# NOTE: need to use version of Python that imports Tkinter and Pmw
#-----
```

Modules

<u>Tkinter</u>	<u>browser.gui database</u>	<u>browser.gui message</u>	<u>sys</u>
<u>cdat info</u>	<u>browser.gui defined variables</u>	<u>browser.gui select variable</u>	<u>tkFileDialog</u>
<u>cdms</u>	<u>browser.gui edit list</u>	<u>os</u>	<u>types</u>
<u>gui support.gui color</u>	<u>browser.gui formulate</u>	<u>re</u>	
<u>browser.gui control</u>	<u>browser.gui functions</u>	<u>string</u>	

Classes

create

```
class create
```

```
#-----
#
# Start of the "Select Variable" panel GUI Layout
#
```

```

#-----
# Start the Tkinter/Pmw GUI layout. The layout is listed from top to
# Starting with: the menu bar; followed by the "Select Variable" panel
# allows the user to select data from a directory or a database; followed
# the "Graphics Control" panel, which allows the user to plot the selected
# defined variables; followed by the "Dimension" panel, which allows the user
# select subsets of the selected variable before plotting or storing it
# followed by the "Defined Variables" panel, which allows the user to view
# variables that are stored in memory; and finally followed by the "Variable
# Information" scroll window, which displays variable information.
#
# All panels are contained within a paned widget. Thus, allowing the user to
# each section to expand or constrict.
#
#-----
# Begin the creation of "Select Variable" panel
#-----

```

Methods defined here:

```
__init__(self, parent)
```

Functions

```

evt_backspace(parent, event)
    ##### event for directory entry only, search for back space entry

evt_change_color(parent, event)
    #-----
    # event functions associated with the "Select Variable" panel
    #-----

evt_cycle_through_directories(parent, event)
    ##### event 'cycle through directories' for directory entry

evt_cycle_through_files(parent, event)
    ##### event 'cycle through files' for files entry

evt_display_file_info(parent, event)
    ##### event 'cycle through directories' for directory entry

evt_enter_directory(parent, event, who_called=0)
    ##### event 'text input' for directory or database entry

evt_enter_file(parent, event)
    ##### event for file entry

evt_enter_variable(parent, event)
    ##### event for variable entry

```

```
evt_icon_open_file(parent, dirfilename=None, event=None)
    ##### event 'icon file open' for directory and file entry

evt_popup_database_gui(self, parent, event)
    ##### event to toggle between the 'Directory' or 'Database'

evt_tab(parent, event)
    ##### event for directory entry only, search for a tab entry

restore_directory_setting(self, parent)
    ##### event in 'Directory or Database settings'
```

Data

```
Pmw = <Pmw.Pmw_1_2.lib.PmwLoader.PmwLoader instance>
```